

CLAIMS

What is claimed is:

- 1 1. An entertainment device comprising:
2 a remote control for an interactive television system;
3 a wireless receiver integrated with the remote control for receiving television
4 program schedule information from the interactive television system; and
5 a display device integrated with the remote control for displaying the television
6 program schedule information.
- 1 2. The device of claim 1, wherein the wireless receiver comprises a radio-frequency
2 receiver.
- 1 3. The device of claim 1, wherein the wireless receiver comprises an infrared
2 receiver.
- 1 4. The device of claim 1, further comprising:
2 a processor integrated with the remote control for generating an electronic
3 programming guide from the television program schedule information, the electronic
4 programming guide for display on the display device.
- 1 5. The device of claim 4, wherein the electronic programming guide comprises a
2 plurality of rows corresponding to channels and a plurality of columns corresponding to
3 time slots.
- 1 6. The device of claim 4, wherein the electronic programming guide comprises at
2 least one indication of a television program, the device further comprising:
3 a wireless transmitter integrated with the remote for transmitting a control signal
4 to the interactive television system in response to a user selection of a television
5 program from the electronic programming guide.

1 7. The device of claim 6, wherein the control signal is configured to cause a
2 television to display the selected television program.

1 8. The device of claim 6, wherein the control signal is configured to cause a video
2 recording device to record the selected television program.

1 9. The device of claim 6, wherein the display device is touch sensitive, such that the
2 television program is selected in response to a user touching an indication of the
3 television program on the display device.

1 10. An entertainment system comprising:
2 a set top box configured to provide television signals to a first display device, the
3 set top box further configured to store television program schedule information; and
4 a remote control for the set top box configured to receive the television program
5 schedule information from the set top box using a wireless method, the remote control
6 comprising a second display device configured to display the television program
7 schedule information.

1 11. The system of claim 10, wherein the set top box comprises a wireless transmitter
2 configured to transmit the television program schedule information to the remote
3 control.

1 12. The system of claim 11, wherein the wireless transmitter comprises one of a
2 radio-frequency transmitter and an infrared transmitter.

1 13. The system of claim 11, wherein the remote control comprises a wireless
2 receiver configured to receive the television program schedule information from the
3 wireless transmitter in the set top box.

1 14. The system of claim 13, wherein the wireless receiver comprises one of a radio-
2 frequency receiver and an infrared receiver.

1 15. The system of claim 10, wherein a network stores a database comprising
2 television program schedule information, and wherein the set top box comprises a
3 network interface configured to access the database and receive the television program
4 schedule information from the network.

1 16. The system of claim 15, wherein the network comprises a cable network.

1 17. The method of claim 15, wherein set top box is configured to receive automatic
2 updates of the television program schedule information from the network.

1 18. The method of claim 17, wherein the automatic updates of the television program
2 schedule information are received using a carousel technique.

1 19. The method of claim 15, wherein the set top box is configured to receive the
2 television program schedule information in response to a request from the set top box.

1 20. The system of claim 10, wherein the remote control comprises a processor
2 configured to generate an electronic programming guide from the television program
3 schedule information, the electronic programming guide for display on the second
4 display device.

1 21. The system of claim 20, wherein the electronic programming guide comprises a
2 plurality of rows corresponding to channels and a plurality of columns corresponding to
3 time slots.

1 22. The system of claim 20, wherein the electronic programming guide comprises at
2 least one indication of a television program, and wherein the remote control comprises

3 a wireless transmitter configured to transmit a control signal in response to a user
4 selection of a television program from the electronic programming guide.

1 23. The system of claim 22, wherein the control signal is configured to cause the first
2 display device to display the selected television program.

1 24. The system of claim 22, wherein the control signal is configured to cause a video
2 recording device to record the selected television program.

1 25. The system of claim 22, wherein the second display device is touch sensitive,
2 such that the television program is selected in response to a user touching an indication
3 of the television program on the second display device.

1 26. A method for providing an electronic programming guide comprising:
2 receiving television program schedule information at a set top box;
3 transmitting the television program schedule information to a remote control for
4 the set top box; and
5 displaying the television program schedule information on a display device
6 integrated with the remote control.

1 27. The method of claim 10, wherein a network stores a database comprising the
2 television program schedule information, and wherein receiving comprises:
3 receiving the television program schedule information from the network.

1 28. The method of claim 27, wherein the network comprises a cable network.

1 29. The method of claim 26, wherein transmitting comprises:
2 transmitting the television program schedule information from a wireless
3 transmitter in the set top box to a wireless receiver in the remote control.

1 30. The method of claim 26, wherein displaying comprises:

2 generating an electronic programming guide from the television program
3 schedule information for display on the display device.

1 31. The method of claim 30, wherein the electronic programming guide comprises a
2 plurality of rows corresponding to channels and a plurality of columns corresponding to
3 time slots.

1 32. The method of claim 30, wherein the electronic programming guide comprises at
2 least one indication of a television program, the method further comprising:
3 transmitting a control signal in response to a user selection of a television
4 program from the electronic programming guide.

1 33. The method of claim 32, further comprising:
2 displaying the selected television program on a television in response to the
3 control signal.

1 34. The method of claim 32, further comprising:
2 recording the selected television program in a video recording device in response
3 to the control signal.

1 35. The method of claim 32, wherein the display device is touch sensitive, such that
2 the television program is selected in response to a user touching an indication of the
3 television program on the display device.